

Title (en)

GENERATION OF INDUCED PLURIPOTENT CELLS BY CRISPR ACTIVATION

Title (de)

ERZEUGUNG VON INDUZIERTEN PLURIPOTENTEN ZELLEN DURCH CRISPR-AKTIVIERUNG

Title (fr)

GÉNÉRATION DE CELLULES PLURIPOTENTES INDUITES PAR ACTIVATION DE CRISPR

Publication

EP 3732286 A1 20201104 (EN)

Application

EP 18897641 A 20181227

Priority

- US 201762611202 P 20171228
- US 2018067679 W 20181227

Abstract (en)

[origin: WO2019133714A1] The present Application is related to methods and compositions for reprogramming adult somatic cells into induced pluripotent stem cells by targeting and remodeling endogenous gene loci without relying on ectopic expression of transcription factors.

IPC 8 full level

C12N 5/074 (2010.01); **C12N 9/22** (2006.01); **C12N 15/10** (2006.01); **C12N 15/113** (2010.01); **C12N 15/90** (2006.01)

CPC (source: EP KR US)

C07K 14/4702 (2013.01 - EP); **C12N 5/0696** (2013.01 - EP KR US); **C12N 9/22** (2013.01 - EP KR US); **C12N 15/102** (2013.01 - KR); **C12N 15/113** (2013.01 - EP KR US); **C12N 15/907** (2013.01 - EP KR US); **C07K 14/4702** (2013.01 - US); **C12N 2310/20** (2017.05 - EP KR US); **C12N 2501/15** (2013.01 - KR); **C12N 2501/602** (2013.01 - EP US); **C12N 2501/603** (2013.01 - EP US); **C12N 2501/604** (2013.01 - US); **C12N 2501/605** (2013.01 - US); **C12N 2501/606** (2013.01 - US); **C12N 2501/608** (2013.01 - US); **C12N 2501/65** (2013.01 - EP US); **C12N 2501/70** (2013.01 - EP US); **C12N 2501/727** (2013.01 - KR); **C12N 2510/00** (2013.01 - KR)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019133714 A1 20190704; AU 2018397738 A1 20200625; CN 111511902 A 20200807; EP 3732286 A1 20201104; EP 3732286 A4 20220105; JP 2021509577 A 20210401; JP 2023171725 A 20231205; JP 7344877 B2 20230914; KR 20200094795 A 20200807; US 2020339958 A1 20201029

DOCDB simple family (application)

US 2018067679 W 20181227; AU 2018397738 A 20181227; CN 201880083468 A 20181227; EP 18897641 A 20181227; JP 2020535180 A 20181227; JP 2023142679 A 20230904; KR 20207021604 A 20181227; US 201816957086 A 20181227